



## Man Made Diamond Rings

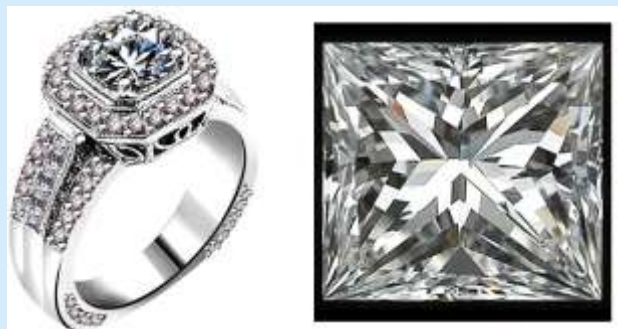
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By choosing a man made diamond engagement ring, you'll be saving so much money you could stay a couple extra days away on your honeymoon or even invest in the future of your child if you're expecting. Today man made diamonds perfectly resemble natural diamonds, because they're both real diamonds! Instead of spending thousands on a mined diamond, you could purchase the exact same quality diamond that just happened to be able in a laboratory for much cheaper.

Besides the money saving benefits, choosing a synthetic diamond provides environmental and humanitarian benefits as well. Most natural diamonds are mined from areas that are conflict-ridden and continue to have struggles with human rights issues. Additionally, areas where mines are located tend to have their ecosystems completely demolished over the years. It is simply overall not a great industry.

On the other hand, with man made diamonds there's no need to excavate rocks and cause harm to any people or environments. Man made diamonds are created in a safe and controlled environment by professionals using a modest amount of resources. Furthermore, such laboratory settings provide the perfect environment for achieving optimal clarity and quality for each and every diamond.

### Benefits From the Lab



There are many benefits to choosing man made diamonds instead of their naturally cultivated cousins. Man made diamonds develop in a controlled environment, for optimal clarity and quality. Scientists use real carbon molecules, matching natural diamonds' crystalline structuring, to manually recreate the natural diamond formation process within a laboratory. Not only does this recreation allow scientists to control the look of a diamond, but they can also control the price. Instead of having to forage the earth, excavating rock face and mines in pursuit of available diamonds, hopefully finding a specimen to suit their needs, laboratory workers can create man made diamonds of any size, shape, color, or clarity whenever necessary, driving down their price point with certainty.

## Lab Created Diamonds



### Benefits of Man Made Diamonds

**We've established that lab created diamonds are real diamonds, but they are created in a different environment so they do in fact come with some advantages of their own:**

- Man made diamonds have the widest spectral band of any known material.
- Laboratories are the perfect setting for allowing scientists to easily achieve optimal clarity and quality for each and every diamond.
- Mined diamonds come out of mining operations that often destroy the ecosystems they're a part of. Lab made diamonds, on the other hand, are created in a controlled laboratory by professionals using a modest amount of resources.
- Unfortunately, many natural diamonds also originate in war-torn regions. Even in conflict-free regions where diamonds are mined substandard working conditions and human rights abuses remain a real problem. Lab made diamonds, once again, are made in a controlled laboratory by professionals who don't interrupt the environment or the people around them.

**Lab created diamonds** or cultured diamonds, are real diamonds. Expertly made via pressurized carbon manufacturing techniques, lab-created diamonds resemble naturally cured diamonds both in physical appearance and chemical make up. Scientists have developed techniques by which they farm diamonds in the lab, manipulating carbon molecules manually, transforming these mere molecules into the crystallized pattern they form in nature when carbon transforms into diamonds. As such, these lab created diamonds are much like test tube babies; still real, just conceived in a different location. Scientists mimic the natural formation habits of nature to give their clients diamonds, without the hassle of excavation.

## Lab-Created Diamond Rings



Some might argue that the search for diamonds out in the nature is part of what makes them such a romantic gift. The romance of lab created diamonds lie in their price point. Lab-created diamond rings offer recipients the same look, feel, and matter as a naturally cultivated

diamond. The only difference between the rock in a lab created diamond ring and a natural stone is its birthplace. However, offering your partner a lab created diamond ring lets them know that you care enough to both give them a beautiful symbol of your love, and to save you both money for the future with these cheap wedding rings.

## Cheap Diamond Rings



Man made diamonds allow for engagement rings that are so much more affordable, but are just as strong and shine just as brightly.

These affordable man made diamonds really are diamonds! Both natural diamonds and synthetic diamonds have a refractive index of 2.42, a hardness of level 10 and a density of 3.52. There is truly no difference in the physical, optical or atomic properties between natural and synthetic diamonds.

The only difference between man made diamonds and mined diamonds can be found in the birthplace. Mined diamonds are just that - mined. Massive mining operations, however, often damage the environment around them, and they're often located in war-stricken regions or in areas where human rights issues are still a concern. Lab made diamonds, on the other hand, are made in a safe and controlled lab by professionals using a modest amount of resources.

**For more information please visit**

**<http://www.gold-diamondjewelry.com/diamond-engagement-ring.html>**